

Supplementary Table 2. Comparison of genotype frequencies and AOR of *DICER* 6095 rs13078 A>T, *DICER* 9480 rs3742330 T>C, *DROSHA* -715 rs6877842 C>G, *DROSHA* 4576 rs10719 T>C, *RAN* 1857 rs14035 C>T, and *XPO5* 4485 rs11077 A>C polymorphisms between stroke subtype and controls

Genotype	Controls (n=403)	Single SVD (n=71)	AOR (95% CI)*	P	Multiple SVD (n=66)	AOR (95% CI)*	P
<i>DICER</i> rs13078 A>T							
AA	360 (89.3)	65 (91.5)	1.000 (reference)		55 (83.3)	1.000 (reference)	
AT	43 (10.7)	6 (8.5)	0.817 (0.321–2.081)	0.672	11 (16.7)	1.799 (0.845–3.830)	0.128
TT	0	0	NA		0	NA	
Dominant (AA vs. AT+TT)			0.817 (0.32–2.081)	0.672		1.799 (0.845–3.830)	0.128
Recessive (AA+AT vs. T)			NA			NA	
<i>DICER</i> rs3742330 T>C							
TT	148 (36.7)	20 (28.2)	1.000 (reference)		18 (27.3)	1.000 (reference)	
TC	180 (44.7)	33 (46.5)	1.380 (0.740–2.574)	0.312	37 (56.1)	1.763 (0.944–3.291)	0.075
CC	75 (18.6)	18 (25.4)	1.796 (0.855–3.775)	0.122	11 (16.7)	0.993 (0.424–2.328)	0.988
Dominant (TT vs. TC+CC)			1.490 (0.831–2.671)	0.181		1.549 (0.852–2.817)	0.152
Recessive (TT+TC vs. CC)			1.429 (0.769–2.658)	0.259		0.779 (0.380–1.600)	0.497
<i>DROSHA</i> rs6877842 C>G							
CC	371 (92.1)	67 (94.4)	1.000 (reference)		64 (97.0)	1.000 (reference)	
CG	31 (7.7)	4 (5.6)	0.777 (0.256–2.354)	0.655	1 (1.5)	0.189 (0.025–1.433)	0.107
GG	1 (0.2)	0	NA	0.998	1 (1.5)	8.288 (0.459–149.7)	0.152
Dominant (CC vs. CG+GG)			0.757 (0.250–2.288)	0.622		0.375 (0.086–1.639)	0.193
Recessive (CC+CG vs. GG)			NA	0.998		8.768 (0.489–157.1)	0.140
<i>DROSHA</i> rs10719 T>C							
TT	228 (56.6)	34 (47.9)	1.000 (reference)		37 (56.1)	1.000 (reference)	
TC	158 (39.2)	31 (43.7)	1.253 (0.722–2.174)	0.423	25 (37.9)	1.009 (0.572–1.782)	0.975
CC	17 (4.2)	6 (8.5)	1.837 (0.639–5.277)	0.259	4 (6.1)	1.690 (0.494–5.788)	0.403
Dominant (TT vs. TC+CC)			1.305 (0.768–2.215)	0.325		1.061 (0.616–1.828)	0.830
Recessive (TT+TC vs. CC)			1.596 (0.568–4.483)	0.375		1.583 (0.495–5.063)	0.439
<i>RAN</i> rs14035 C>T							
CC	240 (59.9)	43 (60.6)	1.000 (reference)		39 (59.1)	1.000 (reference)	
CT	149 (37.0)	25 (35.2)	0.860 (0.491–1.508)	0.600	25 (37.9)	0.930 (0.526–1.645)	0.803
TT	14 (3.5)	3 (4.2)	1.081 (0.257–4.541)	0.915	2 (3.0)	1.053 (0.222–4.998)	0.948
Dominant (CC vs. CT+TT)			0.879 (0.509–1.516)	0.642		0.939 (0.540–1.634)	0.824
Recessive (CC+CT vs. TT)			1.325 (0.342–5.145)	0.684		1.137 (0.244–5.296)	0.871
<i>XPO5</i> rs11077 A>C							
AA	319 (79.2)	60 (84.5)	1.000 (reference)		57 (86.4)	1.000 (reference)	
AC	79 (19.6)	11 (15.5)	0.734 (0.358–1.503)	0.398	9 (13.6)	0.603 (0.278–1.307)	0.200
CC	5 (1.2)	0	NA	0.998	0	NA	0.998
Dominant (AA vs. AC+CC)			0.692 (0.339–1.414)	0.313		0.562 (0.260–1.215)	0.143
Recessive (AA+AC vs. CC)			NA	0.998		NA	0.998

Values are presented as number (%).

AOR, adjusted odds ratio; RAN, Ran GTPase; XPO5, exportin 5; LAD, large artery disease; SVD, small vessel disease; CI, confidence interval; NA, not available.

*The adjusted odds ratio on the basis of risk factors, such as age, gender, hypertension, diabetes mellitus, hyperlipidemia, smoking.